

**U. S. DEPARTMENT OF ENERGY
WORK BREAKDOWN STRUCTURE DICTIONARY
PART II - ELEMENT DEFINITION**

1. PROJECT TITLE/PARTICIPANT Uranium Program/Bechtel Jacobs Company LLC		2. DATE 11/01/02	3. IDENTIFICATION NUMBER DE-AC05-98OR22700
4. WBS ELEMENT CODE 04.60.12.96		5. WBS ELEMENT TITLE 96-U-201 Cylinder Yard Construction – Line Item	
6. INDEX LINE NO. N/A	7. REVISION NO. AND AUTHORIZATION Rev 1		8. DATE 01/23/03
9. APPROVED CHANGES N/A			
10. SYSTEM DESIGN DESCRIPTION N/A		11. BUDGET AND REPORTING NUMBER N/A	
12. ELEMENT TASK DESCRIPTION WBS GRAPHIC See attached.			
INTRODUCTION <p>The mission of this project, “DUF₆ Cylinder Storage Yards, Phase IX, 96-U-201,” is to provide safe, long-term storage of depleted uranium hexafluoride (DUF₆) cylinders until eventual disposition by upgrading several cylinder storage yards at the Paducah Gaseous Diffusion Plant. In 1996 and 1997, the upgrades for C-745-K, L, M, N, P & T Cylinder Yards were designed under the oversight of DOE ORO. In 1999, a Conceptual Design Report Addendum added the upgrade of C-745-F Cylinder Yard to the scope of the project. The construction of C-745-K (South), L, & M was later removed from the scope of this project and accomplished with funding provided through a Memorandum of Agreement between USEC and DOE.</p>			
LOGIC RELATIONSHIPS <p>The start dates of these projects are driven by the availability of funding and properly sequenced cylinder relocations. Since the main power transformer and storm sewer line were installed in FY 1999, the cylinder yards may be upgraded in any sequence. Additionally, the closeout of C-745-K (North) construction and the disposal of the waste can be performed in any order.</p>			
SCOPE DESCRIPTION <p>Release Sites and Facilities: Assessments to be completed: N/A Actions to be completed: N/A</p> <p>Past and Future Accomplishments:</p> <p>A. Past Accomplishments: Completed the design of C-745-K, L, M, N, P, and T Cylinder Yards and the construction of C-745-K(North) Cylinder Yard.</p> <p>B. Future Accomplishments: Complete project closeout activities and disposal of all construction demolition debris generated during the construction of C-745-K (North).</p> <p>Scope: The scope for WBS element 04.60.12.96 is to complete all project closeout activities and dispose of the waste generated during the construction of C-745-K (North).</p> <p>It is the core value of Bechtel Jacobs Company to protect the safety and health of every worker, the public at large, and our environment. To accomplish this, an Integrated Safety Management System (ISMS) that incorporates five core functions based on seven guiding principles was established for implementation throughout the execution of each project. The objective of ISMS is to systematically integrate safety, health, and environmental protection into the planning and execution of all work activities. The Five Core Functions are: (1) Define the scope of work, (2) Analyze hazards, (3) Develop and implement hazard controls, (4) Perform work within controls, and (5) Provide feedback and continuous improvement. The Seven Guiding</p>			

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<p>Principles are (1) Line Management Responsibility for Safety, (2) Clear Roles and Responsibilities, (3) Competence commensurate with responsibility, (4) Balanced Priorities, (5) Identification of Safety Standards and Requirements, (6) Hazard Control Tailored to Work Being Performed, and (7) Operations Authorization.</p> <p>Successful implementation of ISMS for this project will occur through a series of steps. During the preparation for waste disposal, the scope of work was clearly defined, reviewed, approved and documented by an experienced team via a work release. The work release and all safety related documentation will be reviewed with each worker involved. The job site will be walked down and opportunities provided to identify potential issues, hazards or concerns. Upon successful execution of these steps work will begin and be performed in accordance with the Work Release. During and upon completion of the work, workers will be solicited for feedback that may improve the safety of activities, talks, and/or processes. Feedback will be documented and in some cases used in the preparation of Lessons Learned documentation.</p> <p>REQUIREMENTS/DRIVERS Bechtel Jacobs Company LLC Contract DE-AC05-98OR22700, December 18, 1997 Integrated Safety Management System Description, BJC/OR-87, Revision 2, September 1999 Defense Nuclear Facilities Safety Board (DNFSB) recommendation. "Integrated Safety Management System Description, BJC-GM-1400, Revision 2, October 2001 and Integrated Safety Management System Supplement, BJC-GM-1401, Revision 0, December 2000"</p> <p>As applicable, indicate other regulatory-related requirements. CERCLA: N RCRA: N DNFSB: Y DOE Orders: N AEA: N UMTRCA: N State: N Other: N</p> <p>WASTE VOLUMES Please see attached waste performance metrics, as applicable.</p> <p>PROJECT SCHEDULE Please see attached project summary schedule, and Milestone Status Summary Report.</p> <p>EXECUTION YEAR BASELINE Please see attached Budgeted Cost of Work Scheduled Plan.</p> <p>BASELINE BY YEAR Please see attached Baseline by Year Report.</p>		